

What is claimed is:

1                   1. A method of operating a service network connected to an  
2    access network infrastructure shared with other service networks, comprising the  
3    steps of sharing bandwidth allocated between the service networks.

1                   2. A method of operating a service network connected to an  
2    access network infrastructure shared with other service networks, comprising the  
3    steps of using hardware address bridging so that the service networks can manage  
4    layer three operations.